LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092618\
Data File : BM016893.D
Acq On : 26 Sep 2018 11:21
Operator : MJ/SJ
Sample : J5036-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C08W9

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.010	3	4	10	rVB	907712	948132	0.49%	0.100%
2	5.093	347	358	361	rBV4	48131257	129648823	66.32%	13.633%
3	6.416	573	583	593	rVB	445889	720085	0.37%	0.076%
4	6.892	657	664	674	rVB	256498	470580	0.24%	0.049%
5	7.075	684	695	707	rBV	637004	1428997	0.73%	0.150%
6	7.257	717	726	740	rBV2	802325	1796375	0.92%	0.189%
7	7.634	777	790	802	rBV	30186478	98976779	50.63%	10.408%
8	7.792	802	817	820	rBV3	51934061	172052541	88.02%	18.092%
9	8.133	858	875	877	rBV4	52226558	195478147	100.00%	20.556%
10	8.422	917	924	933	rVB	778441	1239564	0.63%	0.130%
11	8.875	994	1001	1004	rBV	1121559	1873057	0.96%	0.197%
12	8.922	1004	1009	1016	rVB	4325449	6981539	3.57%	0.734%
13	9.204	1050	1057	1068	rBV	1014691	1640783	0.84%	0.173%
14	9.433	1089	1096	1099	rBV	190952	307255	0.16%	0.032%
15	9.475	1099	1103	1105	rVV	176570	283227	0.14%	0.030%
16	9.516	1105	1110	1116	rVV	554187	983129	0.50%	0.103%
17	9.586	1116	1122	1130	rVV	875180	1621262	0.83%	0.170%
18	10.122	1206	1213	1220	rBV	1324441	2307141	1.18%	0.243%
19	10.410	1246	1262	1267	rBV2	55615073	179800555	91.98%	18.907%
20	10.516	1273	1280	1286	rBV	1363486	2038735	1.04%	0.214%
21	10.898	1332	1345	1352	rBV	32681560	64792411	33.15%	6.813%
22	11.098	1368	1379	1387	rBV	3944405	6297271	3.22%	0.662%
23	11.310	1406	1415	1424	rBV	814335	1401328	0.72%	0.147%
24	11.786	1485	1496	1507	rBV4	207503	431843	0.22%	0.045%
25	12.498	1606	1617	1618	rBV4	452274	906525	0.46%	0.095%
26	12.533	1618	1623	1631	rVB	4214292	6600018	3.38%	0.694%
27	13.145	1720	1727	1736	rVB	10183455	15309565	7.83%	1.610%
28	13.363	1759	1764	1770	rVB	199913	287228	0.15%	0.030%
29	13.768	1821	1833	1838	rBV	2535294	4029836	2.06%	0.424%
30	14.045	1873	1880	1889	rVB	3093532	4490670	2.30%	0.472%
31	14.351	1926	1932	1946	rVB2	1627490	2537191	1.30%	0.267%
32	14.551	1961	1966	1975	rVB2	228636	365587	0.19%	0.038%
33	14.668	1977	1986	1991	rVB	287944	413644	0.21%	0.043%
34	15.351	2095	2102	2113	rBV	3857105	5592751	2.86%	0.588%

LSC Area Percent Report

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Acq On : 26 Sep 2018 11:21
Operator : MJ/SJ
Sample : J5036-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C08W9

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Title : SVOA CALIBRATION

35	15.462	2115	2121	2131	rBV	1024368	1413512	0.72%	0.149%
36	17.098	2393	2399	2409	rBV2	2021823	2829739	1.45%	0.298%
37	17.198	2410	2416	2428	rVV	4229902	5908012	3.02%	0.621%
38	18.074	2558	2565	2572	rBV3	226666	339057	0.17%	0.036%
39	18.474	2623	2633	2640	rBV	2981340	4138885	2.12%	0.435%
40	18.598	2649	2654	2657	rBV3	181447	283327	0.14%	0.030%
41	18.803	2686	2689	2694	rVV	210308	316598	0.16%	0.033%
42	19.497	2801	2807	2813	rBV	5210591	6917979	3.54%	0.727%
43	21.286	3106	3111	3118	rBV	2751650	3467281	1.77%	0.365%
44	23.380	3460	3467	3480	rBV	4111758	7613168	3.89%	0.801%
45	23.521	3484	3491	3508	rVB2	1885763	3682433	1.88%	0.387%

Sum of corrected areas: 950962565

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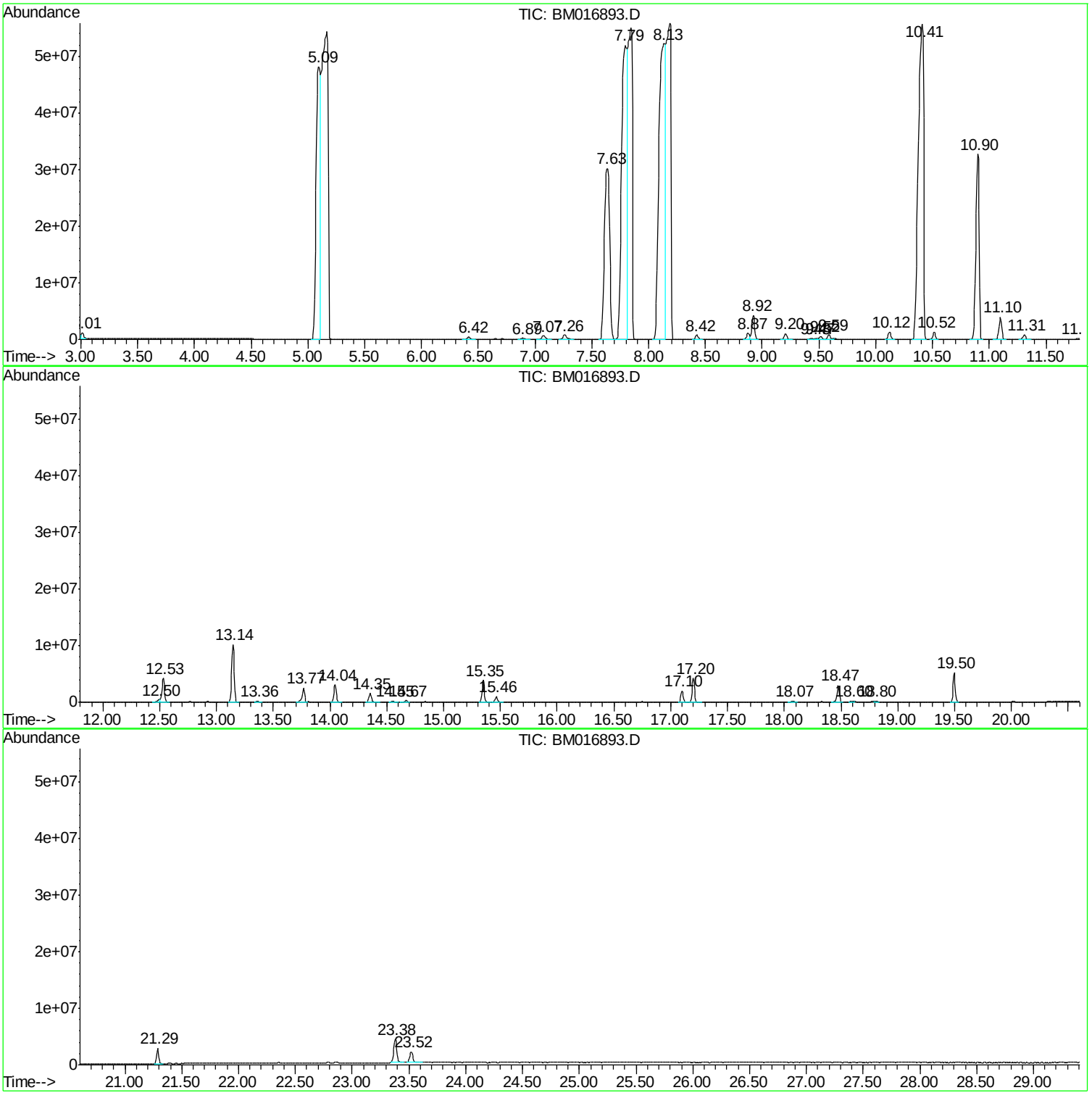
Operator : MJ/SJ
Sample : J5036-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C08W9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092618\
Data File : BM016893.D
Acq On : 26 Sep 2018 11:21
Operator : MJ/SJ
Sample : J5036-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C08W9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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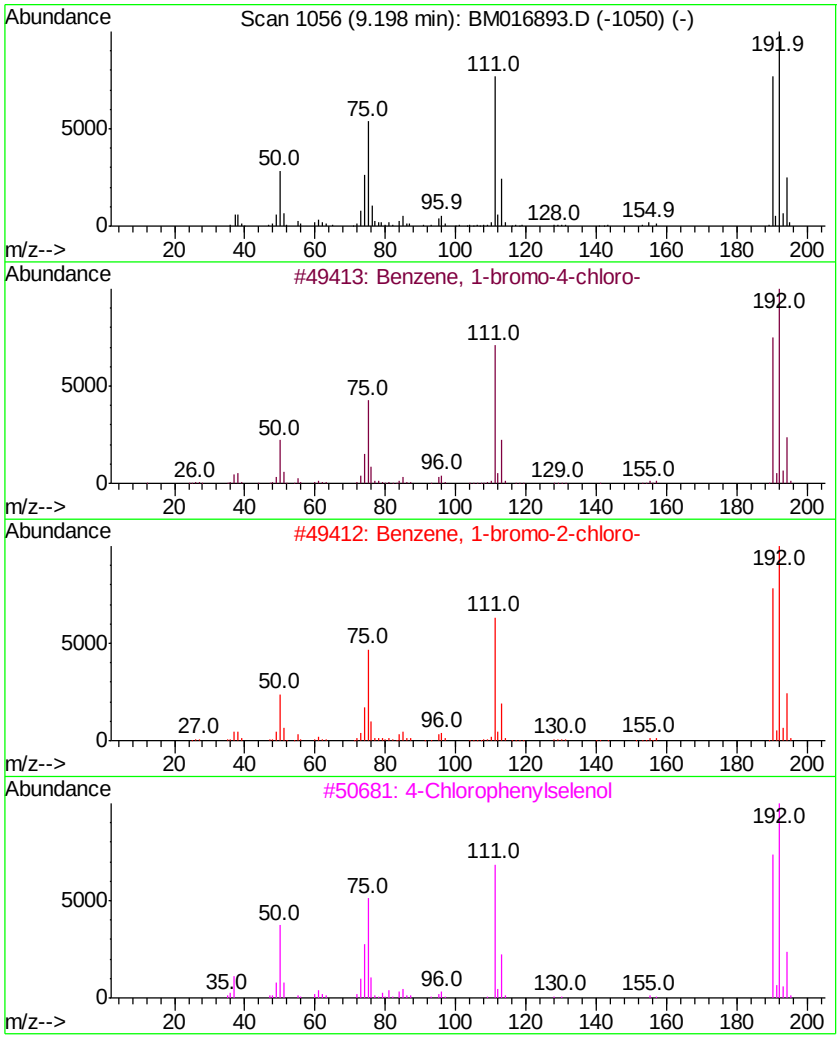
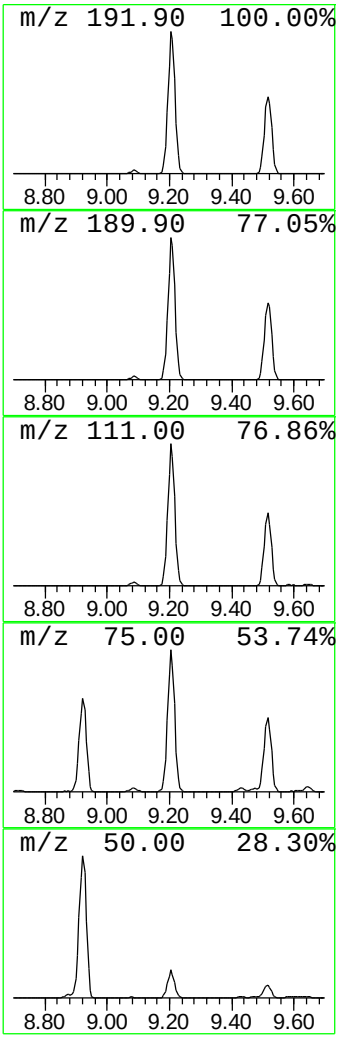
Peak Number 4 Benzene, 1-bromo-4-chloro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.20	16.10 ng/ul	1640780	Naphthalene-d8	10.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	98
2	Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	98
3	4-Chlorophenylselenol	192	C6H5ClSe	016645-10-6	97
4	Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	97
5	Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	97





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092618\
Data File : BM016893.D
Acq On : 26 Sep 2018 11:21
Operator : MJ/SJ
Sample : J5036-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C08W9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

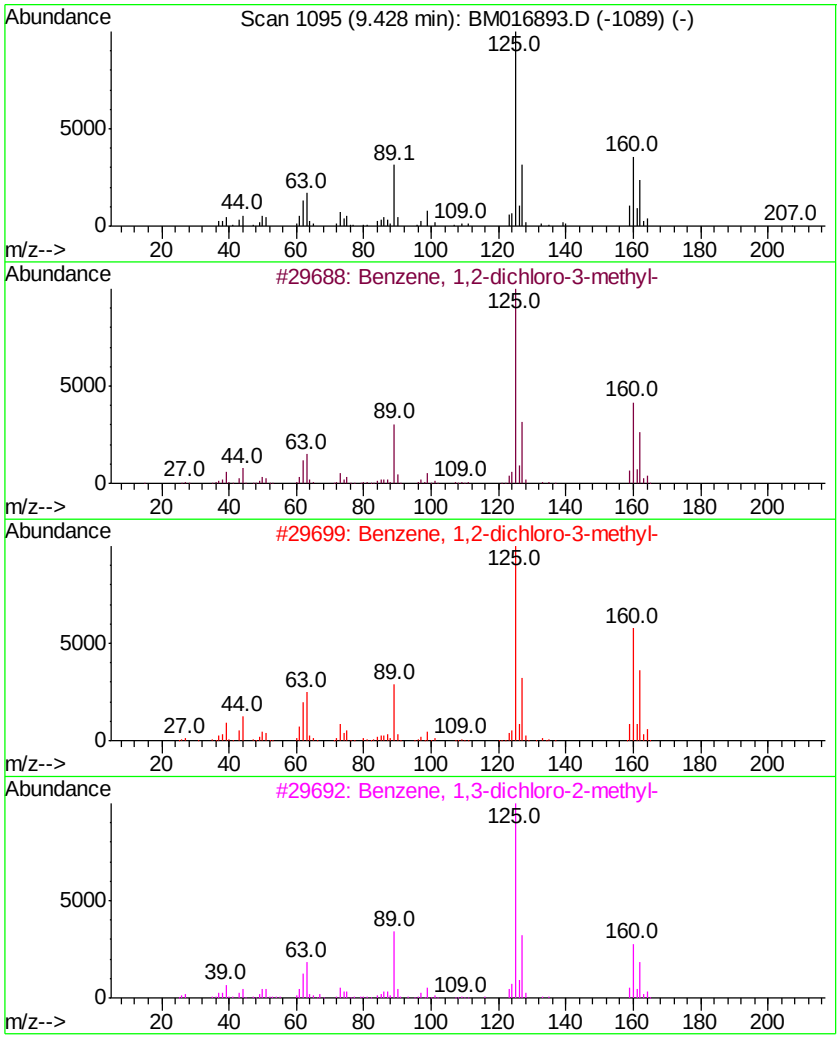
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

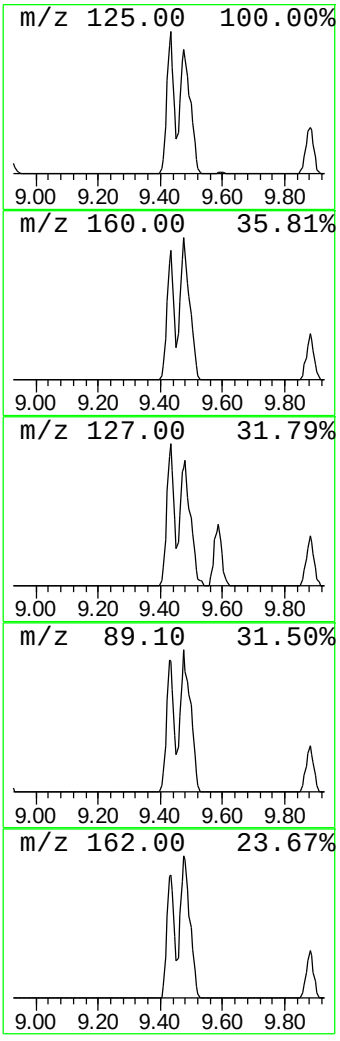
****

Peak Number 5 Benzene, 1,2-dichloro-3-met... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.43	3.01 ng/ul	307255	Naphthalene-d8	10.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-dichloro-3-methyl-	160	C7H6Cl2	032768-54-0	98
2	Benzene, 1,2-dichloro-3-methyl-	160	C7H6Cl2	032768-54-0	97
3	Benzene, 1,3-dichloro-2-methyl-	160	C7H6Cl2	000118-69-4	97
4	Benzene, 1,3-dichloro-2-methyl-	160	C7H6Cl2	000118-69-4	97
5	Benzene, 1,2-dichloro-4-methyl-	160	C7H6Cl2	000095-75-0	97





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092618\
Data File : BM016893.D
Acq On : 26 Sep 2018 11:21
Operator : MJ/SJ
Sample : J5036-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C08W9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

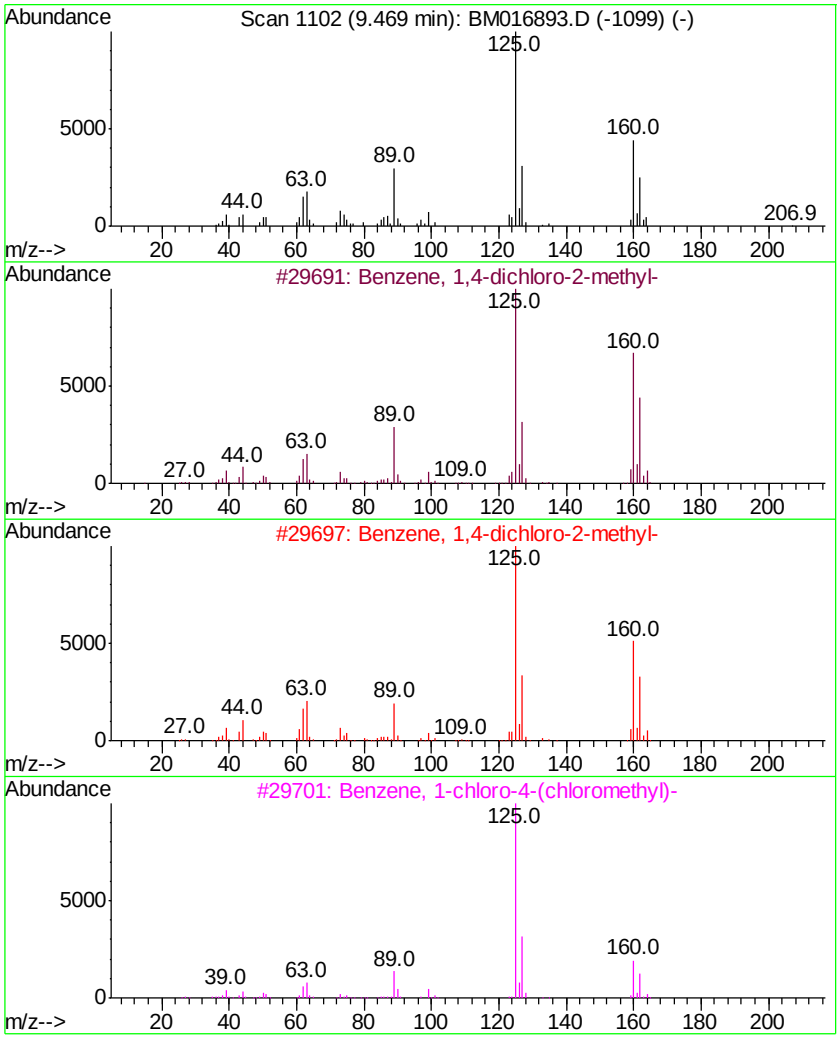
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

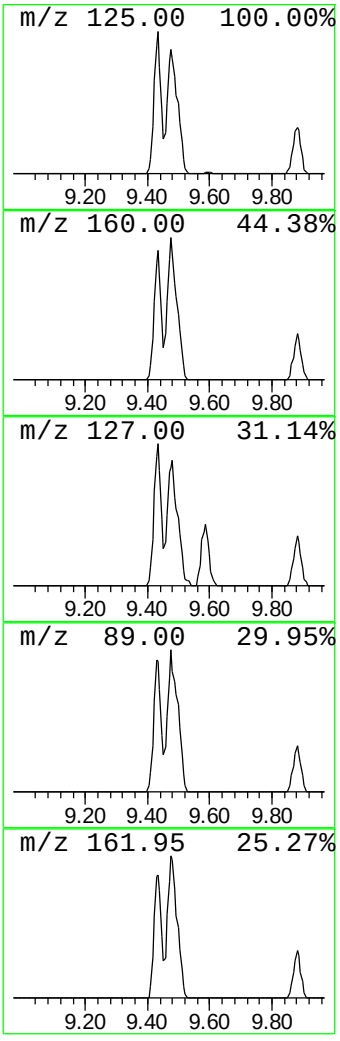
****

Peak Number 6 Benzene, 1,4-dichloro-2-met... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.47	2.78 ng/ul	283227	Naphthalene-d8	10.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-dichloro-2-methyl-	160	C7H6Cl2	019398-61-9	96
2	Benzene, 1,4-dichloro-2-methyl-	160	C7H6Cl2	019398-61-9	96
3	Benzene, 1-chloro-4-(chloromethyl)-	160	C7H6Cl2	000104-83-6	95
4	Benzene, 1,3-dichloro-2-methyl-	160	C7H6Cl2	000118-69-4	95
5	Benzene, 1,3-dichloro-5-methyl-	160	C7H6Cl2	025186-47-4	94





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092618\
Data File : BM016893.D
Acq On : 26 Sep 2018 11:21
Operator : MJ/SJ
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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C08W9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

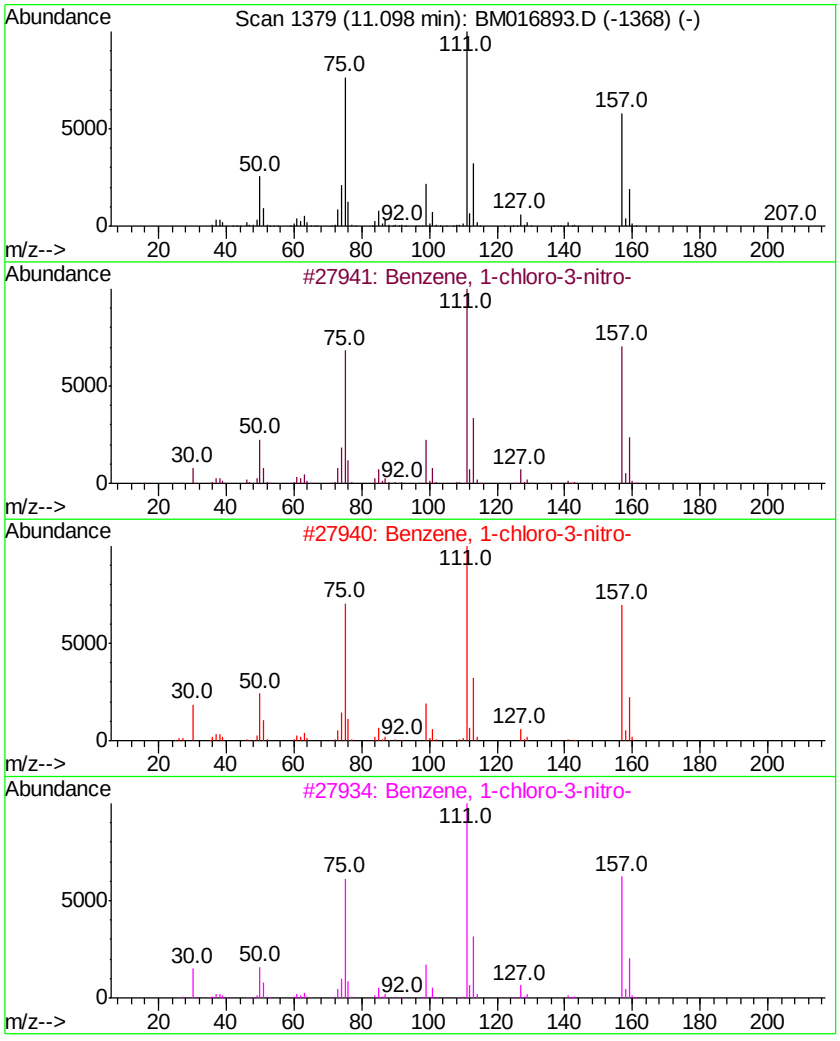
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

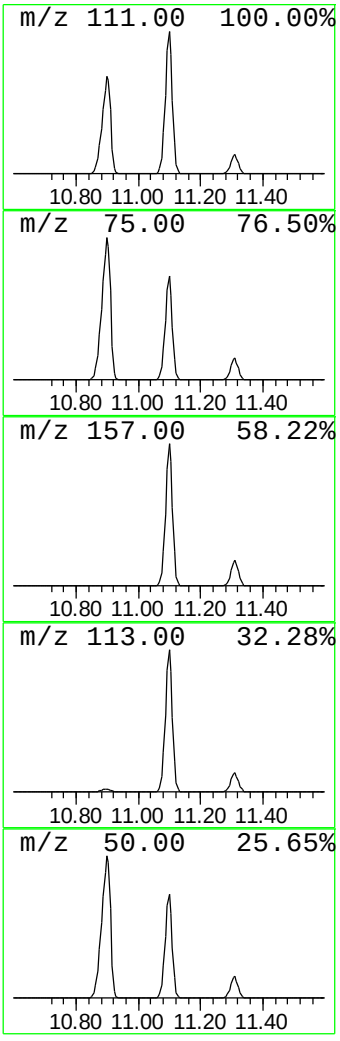
****

Peak Number 10 Benzene, 1-chloro-3-nitro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.10	61.78 ng/ul	6297270	Naphthalene-d8	10.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	98
2	Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	97
3	Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	96
4	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	91
5	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092618\
Data File : BM016893.D
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Sample : J5036-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C08W9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

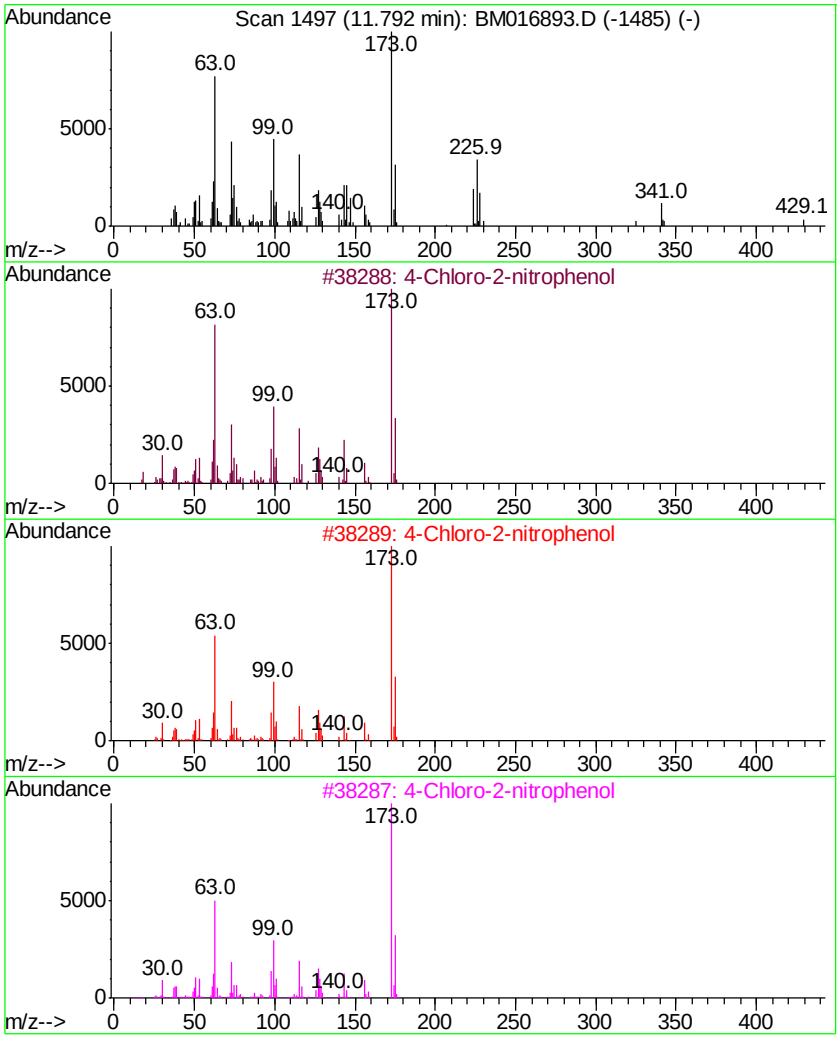
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

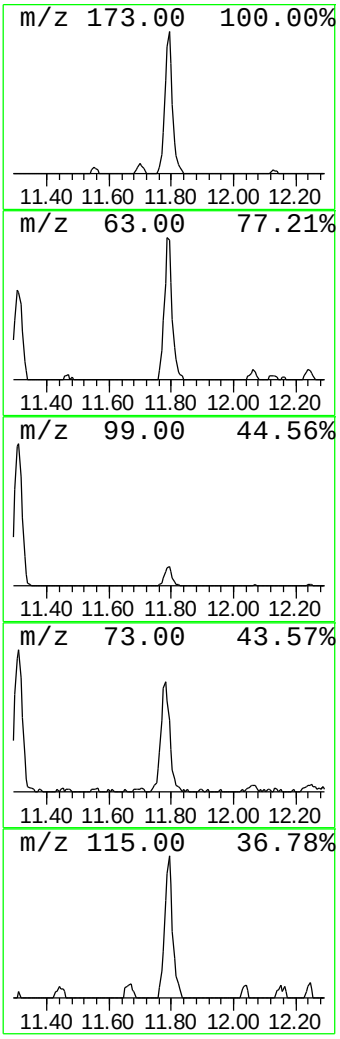
****

Peak Number 12 4-Chloro-2-nitrophenol Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	4.24 ng/ul	431843	Naphthalene-d8	10.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-2-nitrophenol	173	C6H4ClNO3	000089-64-5	98
2	4-Chloro-2-nitrophenol	173	C6H4ClNO3	000089-64-5	94
3	4-Chloro-2-nitrophenol	173	C6H4ClNO3	000089-64-5	86
4	3-Chloro-4-nitrophenol	173	C6H4ClNO3	000491-11-2	59
5	Propane, 1,1,2-trichloro-	146	C3H5Cl3	000598-77-6	43





Library Search Compound Report

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ClientSampleId : C08W9

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Quant Title : SVOA CALIBRATION

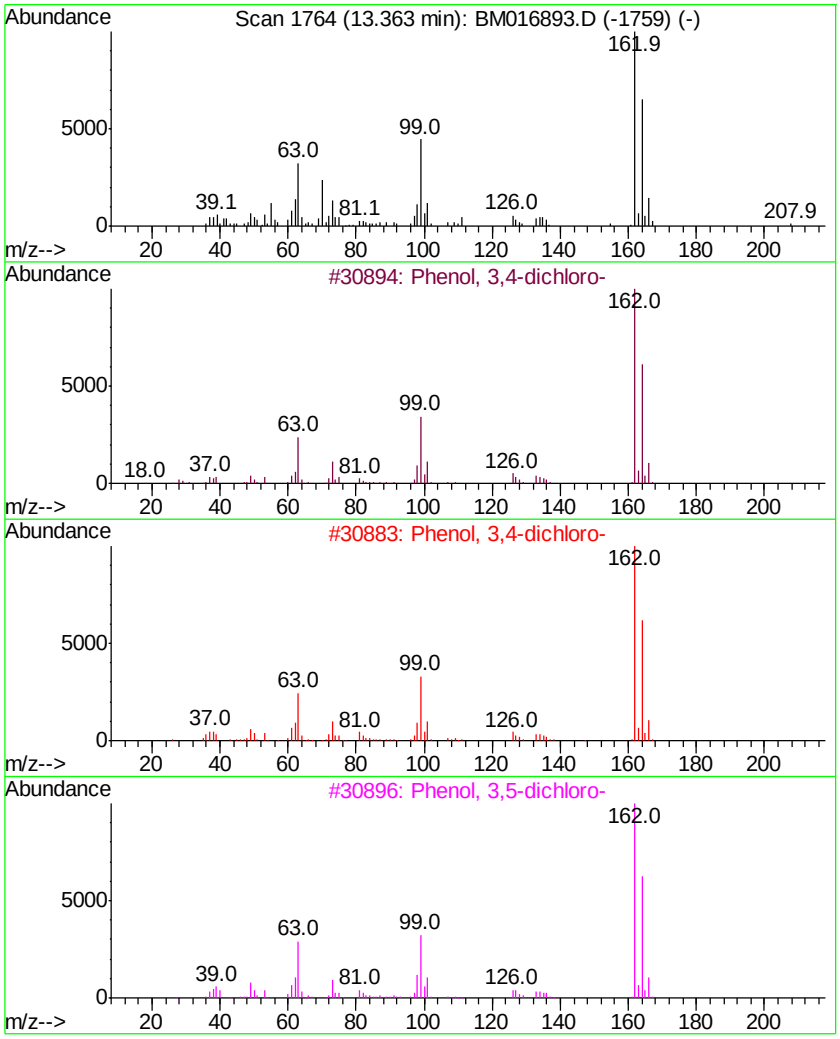
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

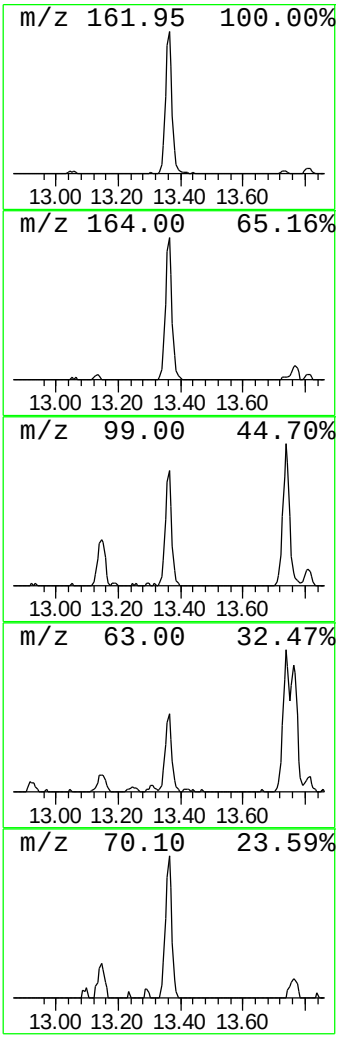
****

Peak Number 13 Phenol, 3,4-dichloro- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.36	2.26 ng/ul	287228	Acenaphthene-d10	14.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,4-dichloro-	162	C6H4Cl2O	000095-77-2	96
2	Phenol, 3,4-dichloro-	162	C6H4Cl2O	000095-77-2	96
3	Phenol, 3,5-dichloro-	162	C6H4Cl2O	000591-35-5	96
4	Phenol, 3,5-dichloro-	162	C6H4Cl2O	000591-35-5	96
5	Phenol, 3,5-dichloro-	162	C6H4Cl2O	000591-35-5	95





Library Search Compound Report

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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C08W9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

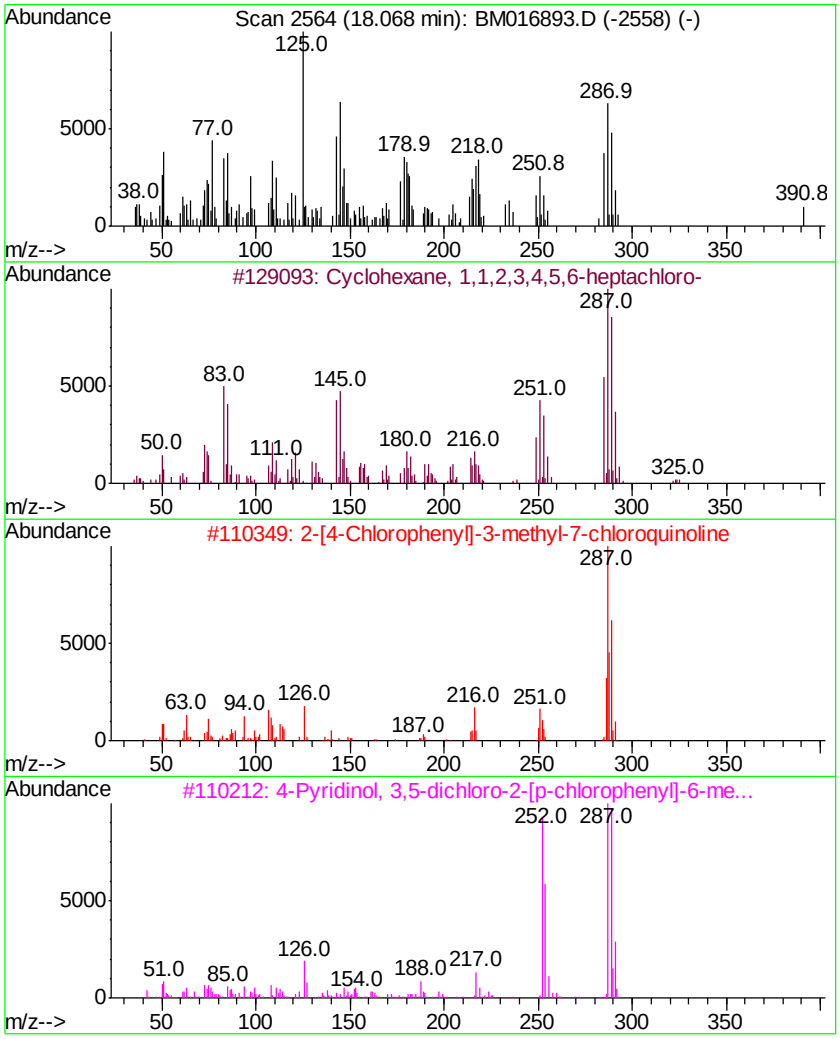
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

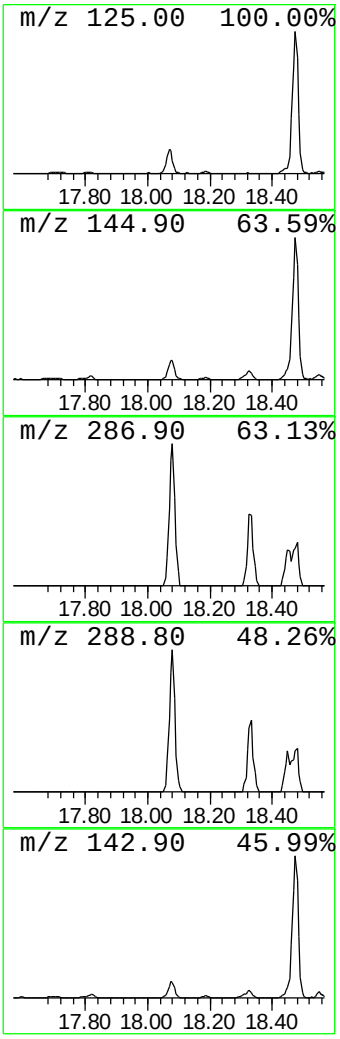
****

Peak Number 14 unknown-01 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.07	2.40 ng/ul	339057	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,2,3,4,5,6-hepta...	322	C6H5Cl7	000707-55-1	41
2	2-[4-Chlorophenyl]-3-methyl-7-ch...	287	C16H11Cl2N	1000254-79-1	16
3	4-Pyridinol, 3,5-dichloro-2-[p-c...	287	C12H8Cl3NO	1000253-56-0	12
4	Thiazolidin-4-one, 5-[3-(2-chlor...	374	C18H15ClN2O3S	1000271-36-2	11
5	1,3,6,9b-Tetraazaphenalene-4-car...	287	C11H6BrN5	037160-10-4	10





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092618\
Data File : BM016893.D
Acq On : 26 Sep 2018 11:21
Operator : MJ/SJ
Sample : J5036-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C08W9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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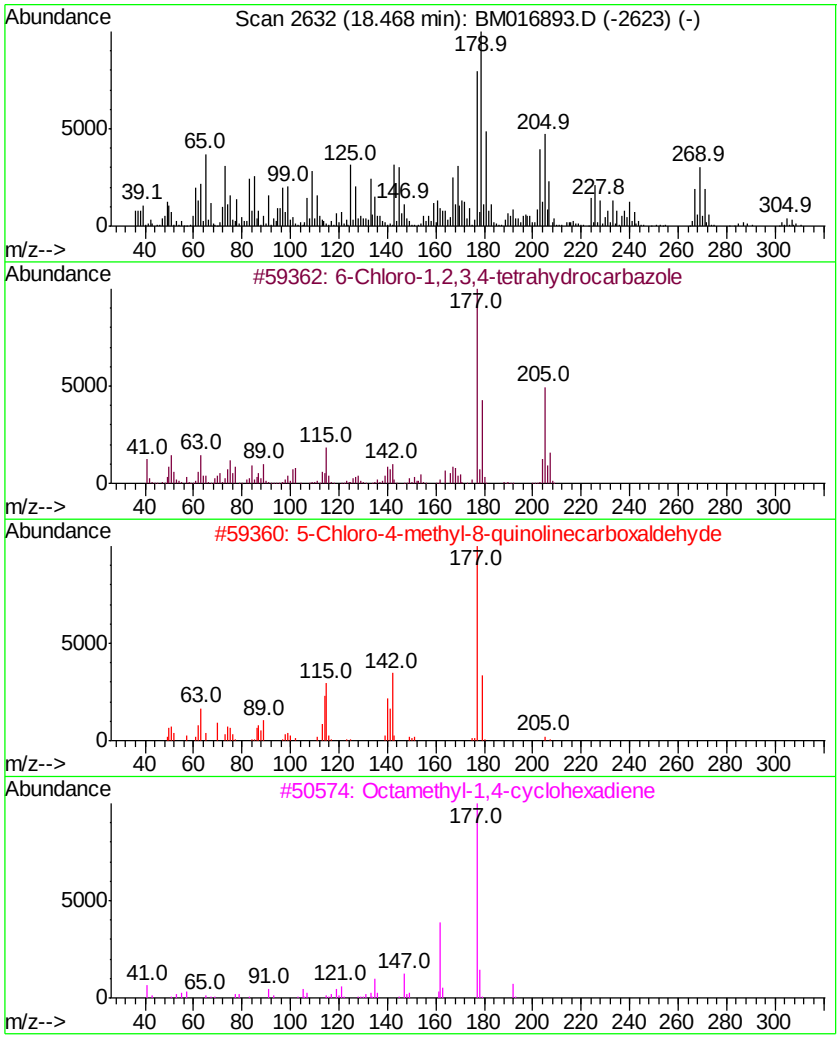
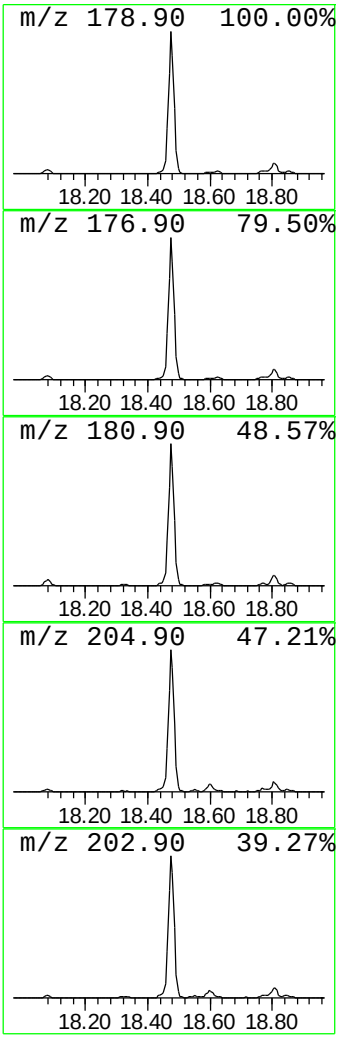
Peak Number 15 unknown-02 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.47	29.25 ng/ul	4138890	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Chloro-1,2,3,4-tetrahydrocarba...	205	C12H12ClN	036684-65-8	38
2	5-Chloro-4-methyl-8-quinolinecar...	205	C11H8ClNO	028662-47-7	27
3	Octamethyl-1,4-cyclohexadiene	192	C14H24	172684-93-4	25
4	3-Buten-2-one, 4-(2,6,6-trimethy...	192	C13H20O	014901-07-6	15
5	3-Buten-2-one, 4-(2,6,6-trimethy...	192	C13H20O	014901-07-6	15





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092618\
Data File : BM016893.D
Acq On : 26 Sep 2018 11:21
Operator : MJ/SJ
Sample : J5036-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C08W9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

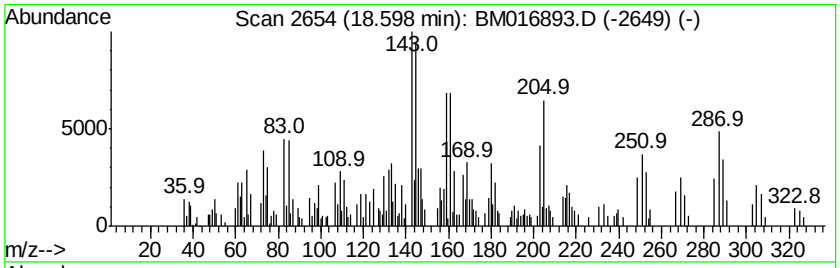
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

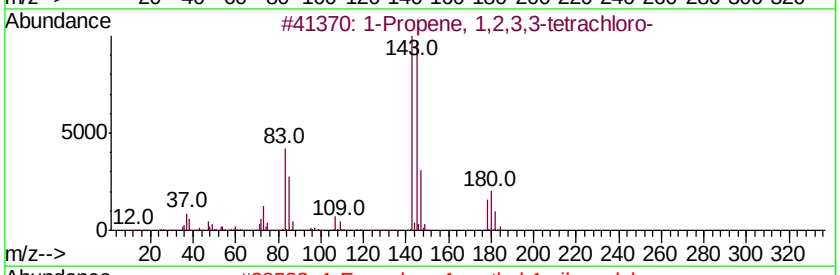
****

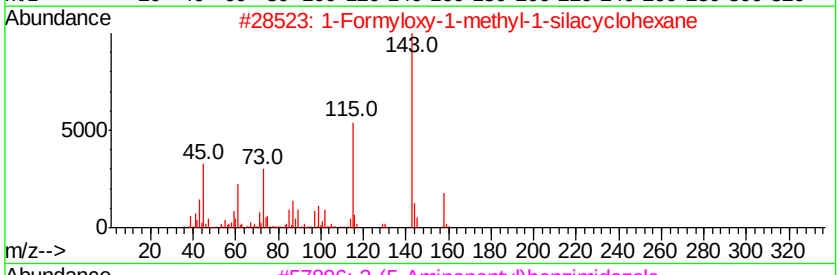
Peak Number 16 unknown-03 Concentration Rank 17

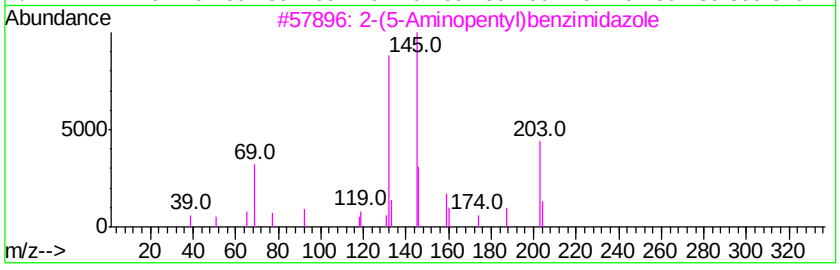
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.60	2.00 ng/ul	283327	Phenanthrene-d10	17.10

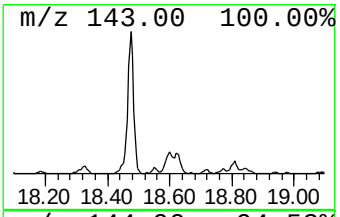
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propene, 1,2,3,3-tetrachloro-	178	C3H2Cl4	020589-85-9	27
2	1-Formyloxy-1-methyl-1-silacyclo...	158	C7H14O2Si	1000245-84-3	25
3	2-(5-Aminopentyl)benzimidazole	203	C12H17N3	039650-63-0	14
4	Hydrazinecarboxamide, 2-(1-methy...	203	C11H13N3O	005468-31-5	14
5	6,7-Bis(methoxycarbonyl)-1,5-dim...	287	C16H17NO4	126680-48-6	14

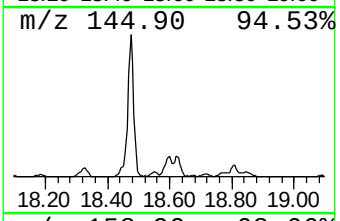


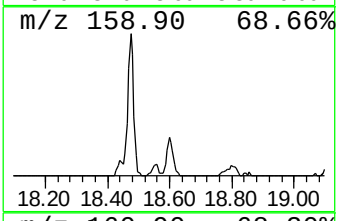


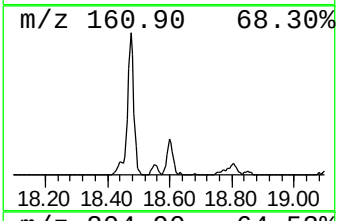


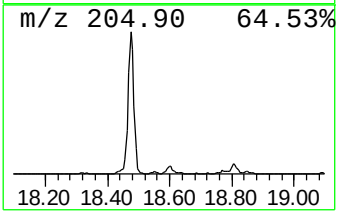












Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM092618\
Data File : BM016893.D
Acq On : 26 Sep 2018 11:21
Operator : MJ/SJ
Sample : J5036-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C08W9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, 1-bromo-...	9.20	16.1	ng/ul	1640780	2	10.52	2038740	20.0
Benzene, 1,2-dich...	9.43	3.0	ng/ul	307255	2	10.52	2038740	20.0
Benzene, 1,4-dich...	9.47	2.8	ng/ul	283227	2	10.52	2038740	20.0
Benzene, 1-chloro...	11.10	61.8	ng/ul	6297270	2	10.52	2038740	20.0
4-Chloro-2-nitrop...	11.79	4.2	ng/ul	431843	2	10.52	2038740	20.0
Phenol, 3,4-dichl...	13.36	2.3	ng/ul	287228	3	14.35	2537190	20.0
unknown-01	18.07	2.4	ng/ul	339057	4	17.10	2829740	20.0
unknown-02	18.47	29.3	ng/ul	4138890	4	17.10	2829740	20.0
unknown-03	18.60	2.0	ng/ul	283327	4	17.10	2829740	20.0